



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **Confirmation No. 5671**
Natsume MATSUZAKI et al. : Docket No. 2003_1213A
Serial No. 10/649,678 : Group Art Unit 2131
Filed August 28, 2003 :

GROUP FORMATION/MANAGEMENT
SYSTEM, GROUP MANAGEMENT
DEVICE, AND MEMBER DEVICE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of ☒ the references listed on attached form PTO-1449 and/or ☐ the additional information identified below in paragraph 3. A legible copy of each reference listed on the form PTO-1449 and each U.S. patent application listed below is enclosed, except a copy is not provided for each reference previously cited by or submitted to the Patent Office in prior parent application Serial No. .

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

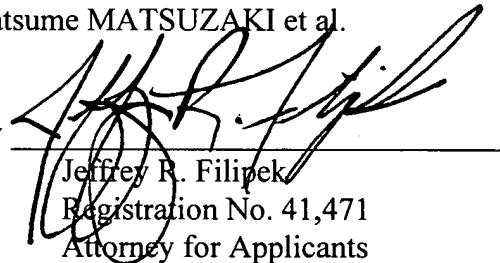
3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☐ the concise explanation contained in the specification of the present application at page,
 - d. ☐ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☐ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Natsume MATSUZAKI et al.

By


Jeffrey R. Filipek
Registration No. 41,471
Attorney for Applicants

JRF/jmj
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
May 5, 2004

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: May 5, 2004

ATTY DOCKET NO.
2003_1213ASERIAL NO.
10/649,678

MAY 05 2004

APPLICANT
Natsume MATSUZAKI et al.FILING DATE
August 28, 2003GROUP
2131

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AF	2 343 025	4/2000	GB			
	AG	2 353 682	2/2001	GB			
	AH	01/31839	5/2001	WO			
	AI	01/52234	7/2001	WO			
	AJ						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AK	Yang, Y. R. et al.: "Reliable Group Rekeying: A Performance Analysis" Computer Communication Review, Association For Computing Machinery. New York, US, vol. 31, no. 4, October 2001, pages 27-38.
	AL	Steiner, M. et al.: "Cliques: A New Approach to Group Key Agreement" Distributed Computing Systems, 1998. Proceedings. 18 th International Conference On Amsterdam, Netherlands 26-29 May 1998, Los Alamitos, CA, USA, IEEE COMPUT. SOC, US, 26 May 1998, pages 380-387.
	AM	Canetti, R. et al.: "Multicast security: A Taxonomy and Some Efficient Constructions" INFOCOM '99. Eighteenth Annual Joint Conference of the IEEE Computer and Communications Societies. Proceedings. IEEE New York, NY, USA, 21-25 March 1999, Piscataway, NJ, USA, IEEE, US, 21 March 1999, pgs. 708-716.
	AN	Yih Huang et al.: "Group Leader Election Under Link-state Routing" Network Protocols, 1997. Proceedings., 1997 International Conference on Atlanta, GA, USA 28-31 October 1997, Los Alamitos, CA, USA, IEEE COMPUT. Soc, US, 28 October 1997, pages 95-104
	AO	Dunigan, Tom et al.: "Group Key Management" Internet Citation, 30 September 1998, pages 1-27.

EXAMINER

DATE CONSIDERED